

CLAIMS

1. A liquid crystal display apparatus comprising:
a transparent substrate;
5 a plurality of first bus lines formed on said transparent substrate;
a plurality of second bus lines formed on said transparent substrate substantially perpendicular to said first bus lines;
10 a plurality of common electrode lines formed on said transparent substrate in parallel with said first bus lines;
a plurality of pixels each connected to one of said first bus lines, one of said second bus lines and one of said common electrode lines; and
15 a plurality of address marks formed on said transparent substrate, each of said address marks being connected to one of said first bus lines, said second bus lines and said common electrode lines.

2. The apparatus as set forth in claim 1, wherein each of said
20 address marks is provided at an end of said one of said first bus lines, said second bus lines and said common electrode lines.

3. The apparatus as set forth in claim 1, further comprising an insulating layer for covering said address marks.

4. The apparatus as set forth in claim 1, wherein said address
25 marks comprise the same material as said one of said first bus lines, said second bus lines and said common electrode lines.

5. A liquid crystal display apparatus comprising:
a transparent substrate;
30 a plurality of gate bus lines formed on said transparent substrate;
a plurality of signal bus lines formed on said transparent substrate substantially perpendicular to said gate bus lines;
a plurality of common electrode lines formed on
35 said transparent substrate in parallel with said gate bus lines;

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a plurality of pixels each connected to one of said gate bus lines, one of said signal bus lines and one of said common electrode lines; and

5 a plurality of address marks formed on said transparent substrate, each of said address marks being connected to one of said gate bus lines.

6. The apparatus as set forth in claim 5, wherein each of said address marks is provided at an end of said one of said gate bus lines.

10 7. The apparatus as set forth in claim 5, further comprising an insulating layer for covering said address marks.

8. The apparatus as set forth in claim 5, wherein said address marks comprise the same material as said gate bus lines.

9. A liquid crystal display apparatus comprising:

a transparent substrate;

15 a plurality of gate bus lines formed on said transparent substrate;

a plurality of signal bus lines formed on said transparent substrate substantially perpendicular to said gate bus lines;

20 a plurality of common electrode lines formed on said transparent substrate in parallel with said gate bus lines;

a plurality of pixels each connected to one of said gate bus lines, one of said signal bus lines and one of said common electrode lines; and

25 a plurality of address marks formed on said transparent substrate, each of said address marks being connected to one of said signal bus lines.

30 10. The apparatus as set forth in claim 9, wherein each of said address marks is provided at an end of said one of said signal bus lines.

11. The apparatus as set forth in claim 9, further comprising an insulating layer for covering said address marks.

12. The apparatus as set forth in claim 9, wherein said address marks comprise the same material as said signal bus lines.

35 13. A liquid crystal display apparatus comprising:

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a transparent substrate;
a plurality of gate bus lines formed on said transparent substrate;

5 a plurality of signal bus lines formed on said transparent substrate substantially perpendicular to said gate bus lines;

a plurality of common electrode lines formed on said transparent substrate in parallel with said gate bus lines;

10 a plurality of pixels each connected to one of said gate bus lines, one of said signal bus lines and one of said common electrode lines; and

a plurality of address marks formed on said transparent substrate, each of said address marks being connected to one of said common electrode lines.

15 14. The apparatus as set forth in claim 13, wherein each of said address marks is provided at an end of said one of said common electrode lines.

15 15. The apparatus as set forth in claim 13, further comprising an insulating layer for covering said address marks.

20 16. The apparatus as set forth in claim 13, wherein said address marks comprise the same material as said common electrode lines.

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